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Sequence 131

PS Claim 1; Fig 1A-B; 67pp; English.

CC The present sequence represents a human progesterone receptor complex
 CC p23-like protein (PR23p). PR23p is used to treat neurological
 CC disorders. Antagonists of PR23p are useful for treating reproductive,
 CC immunological or neoplastic disorders. Probes and primers based on the
 CC PR23p polynucleotides can be used for diagnosis, detection and screening
 CC of homologues, and amplification of PR23p genes. Antisense PR23p
 CC polynucleotides can be used to decrease or inhibit expression of PR23p.

XX Sequence 156 AA:

SO Query Match 100.0%; Score 849; DB 20; Length 156;
 Best Local Similarity 100.0%; Pred. No. 1e-82;
 Matches 156; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARQHARTLWDRPMYVMEFCVEDSDVHVLIEDHRIYFSCKNADGYELNIEIFYAKV 60
 DB 1 MARQHARTLWDRPMYVMEFCVEDSDVHVLIEDHRIYFSCKNADGYELNIEIFYAKV 60

QY 61 NSKDSQDKRSSRSTICFVRKKEKAYAMPRLTKEDIKPWLSDVDPNMRWEGDEEMELAH 120
 DB 61 NSKDSQDKRSSRSTICFVRKKEKAYAMPRLTKEDIKPWLSDVDPNMRWEGDEEMELAH 120

QY 121 VEHYAEELKKVSTKRPPAMDLDSDSADATS 156
 DB 121 VEHYAEELKKVSTKRPPAMDLDSDSADATS 156

RESULT 2
 AAM39556 standard; Protein; 156 AA.

XX AAM39556:
 22-OCT-2001 (first entry)
 Human polypeptide SEQ ID NO 2701.

XX Human; nootropic; immunosuppressant; cytostatic; gene therapy; cancer;
 KW peripheral nervous system; neuropathy; central nervous system; CNS;
 KW Alzheimer's; Parkinson's disease; Huntington's disease; haemostatic;
 KW amyotrophic lateral sclerosis; Shy-Drager Syndrome; chemotactic;
 KW chemokine; thrombolytic; drug screening; arthritis; inflammation;
 KW leukemia.

XX Homo sapiens.
 OS
 XX
 XX WO200153312-A1.
 XX
 XX 26-JUL-2001.
 XX
 XX 26-DEC-2000; 2000WO-US34263.
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 XX 21-JAN-2000; 2000US-0488725.
 XX 25-APR-2000; 2000US-0552317.
 XX 09-JUL-2000; 2000US-0598042.
 XX 19-JUL-2000; 2000US-0620312.
 XX 03-AUG-2000; 2000US-0653450.
 XX 14-SEP-2000; 2000US-0662191.
 XX 19-OCT-2000; 2000US-0693036.
 XX 29-NOV-2000; 2000US-0727344.

XX (HYSE-) HYSEQ INC.
 XX
 XX Tang YT, Liu C, Asundi V, Chen R, Ma Y, Qian XB, Ren F, Wang D;
 PI Wang J, Wang Z, Wehrman T, Xu C, Xue AJ, Yang Y, Zhang J;
 PI Zhao Q, Zhou P, Goodrich R, Drmanac RT;
 XX WPI; 2001-442253/47.
 DR N-PSDB; AAI58712.
 XX
 PT Novel nucleic acids and polypeptides, useful for treating disorders

PT such as central nervous system injuries -

XX Example 4; SEQ ID NO 2701; 10078pp; English.

XX The invention relates to human nucleic acids (AA157798-AA161369) and
 CC the encoded polypeptides (AAM38642-AA42213) with nootropic,
 CC immunosuppressant and cytostatic activity. The polynucleotides are useful
 CC in gene therapy. A composition containing a polypeptide or polynucleotide
 CC of the invention may be used to treat diseases of the peripheral nervous
 CC system, such as peripheral nervous injuries, peripheral neuropathy and
 CC localised neuropathies and central nervous system diseases, such as
 CC Alzheimer's, Parkinson's disease, Huntington's disease, amyotrophic
 CC lateral sclerosis, and Shy-Drager Syndrome. Other uses include the
 CC utilisation of the activities such as: Immune system suppression,
 CC Activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic
 CC and thrombolytic activity, cancer diagnosis and therapy, drug screening,
 CC assays for receptor activity, arthritis and inflammation, leukemias and
 CC C.N.S disorders.
 CC Note: The sequence data for this patent did not form part of the prior
 CC specification.

XX Sequence 156 AA:

SO Query Match 99.3%; Score 843; DB 22; Length 156;
 Best Local Similarity 99.4%; Pred. No. 4.5e-82;
 Matches 155; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MARQHARTLWDRPMYVMEFCVEDSDVHVLIEDHRIYFSCKNADGYELNIEIFYAKV 60
 DB 1 MARQHARTLWDRPMYVMEFCVEDSDVHVLIEDHRIYFSCKNADGYELNIEIFYAKV 60

QY 61 NSKDSQDKRSSRSTICFVRKKEKAYAMPRLTKEDIKPWLSDVDPNMRWEGDEEMELAH 120
 DB 61 NSKDSQDKRSSRSTICFVRKKEKAYAMPRLTKEDIKPWLSDVDPNMRWEGDEEMELAH 120

QY 121 VEHYAEELKKVSTKRPPAMDLDSDSADATS 156
 DB 121 VEHYAEELKKVSTKRPPAMDLDSDSADATS 156

RESULT 3
 AAM39657 standard; Protein; 543 AA.

XX AAM39657:
 22-OCT-2001 (first entry)
 Human polypeptide SEQ ID NO 2802.

XX Human; nootropic; immunosuppressant; cytostatic; gene therapy; cancer;
 KW peripheral nervous system; neuropathy; central nervous system; CNS;
 KW Alzheimer's; Parkinson's disease; Huntington's disease; haemostatic;
 KW amyotrophic lateral sclerosis; Shy-Drager Syndrome; chemotactic;
 KW chemokine; thrombolytic; drug screening; arthritis; inflammation;
 KW leukemia.

XX Homo sapiens.
 OS
 XX
 XX WO200153312-A1.
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 XX 26-JUL-2001.
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 XX 26-DEC-2000; 2000WO-US34263.
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 XX 21-JAN-2000; 2000US-0488725.
 XX 25-APR-2000; 2000US-0552317.
 XX 09-JUL-2000; 2000US-0598042.
 XX 19-JUL-2000; 2000US-0620312.
 XX 03-AUG-2000; 2000US-0653450.
 XX 14-SEP-2000; 2000US-0662191.
 XX 19-OCT-2000; 2000US-0693036.
 XX 29-NOV-2000; 2000US-0727344.